

FIG. 1

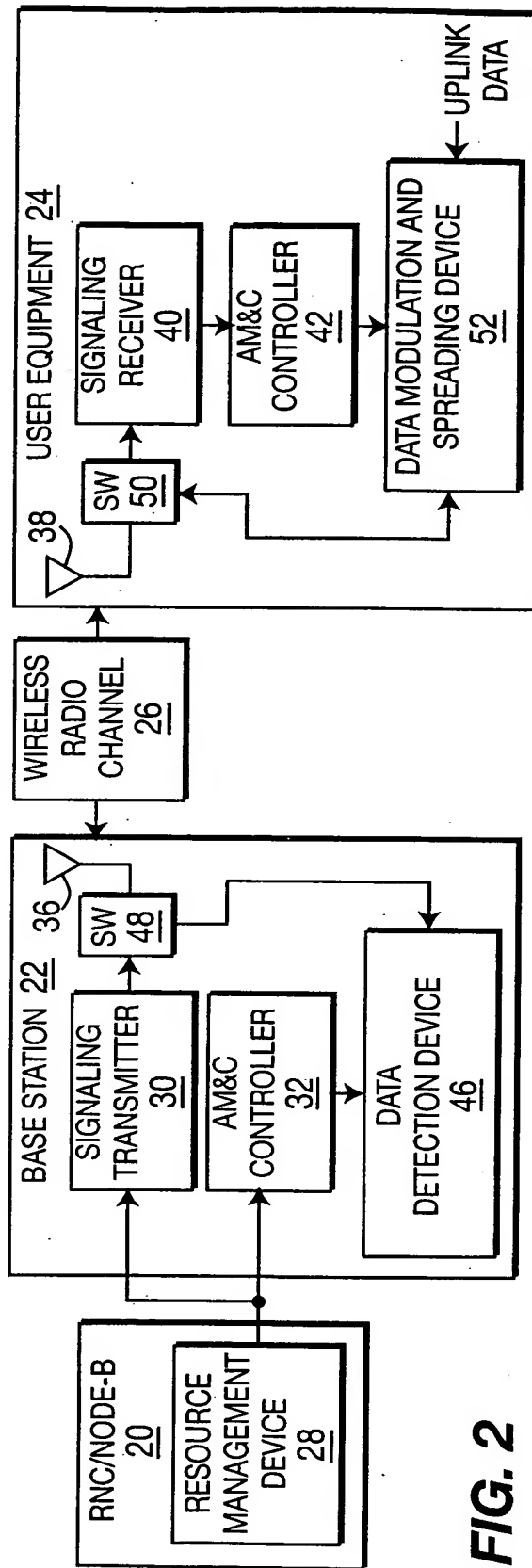


FIG. 2

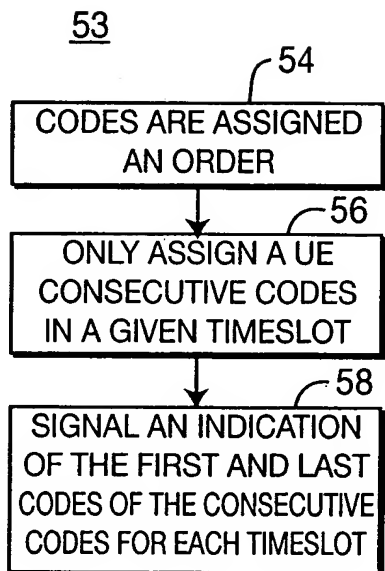


FIG. 3

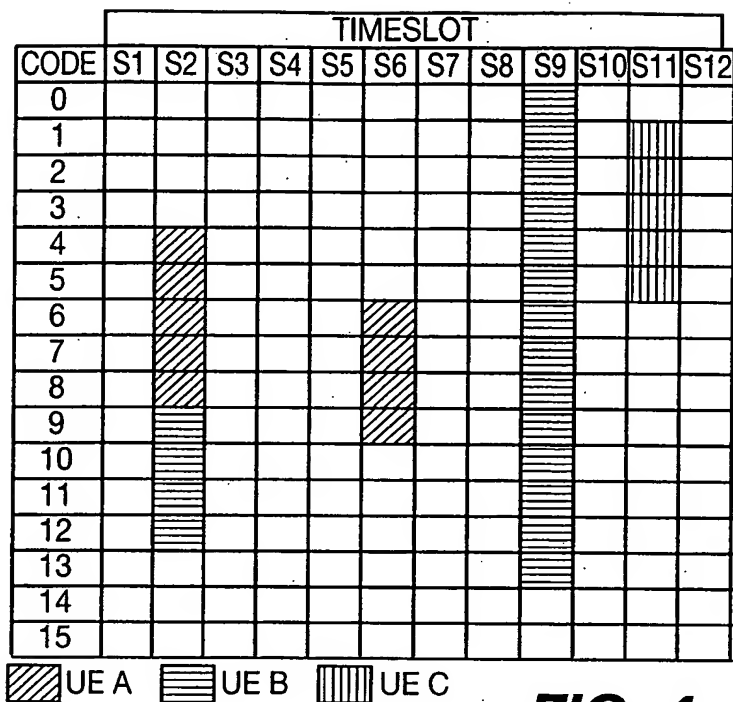


FIG. 4

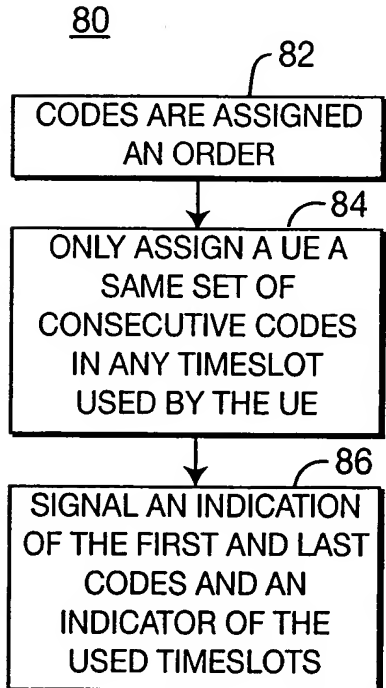


FIG. 5

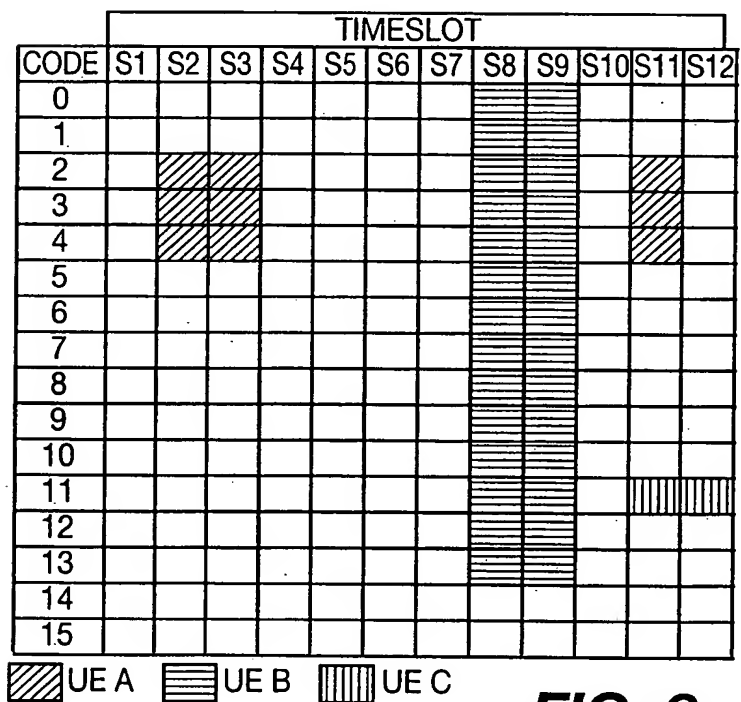


FIG. 6

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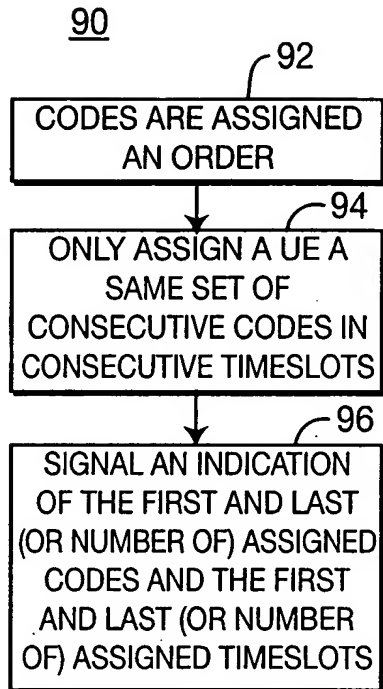


FIG. 7

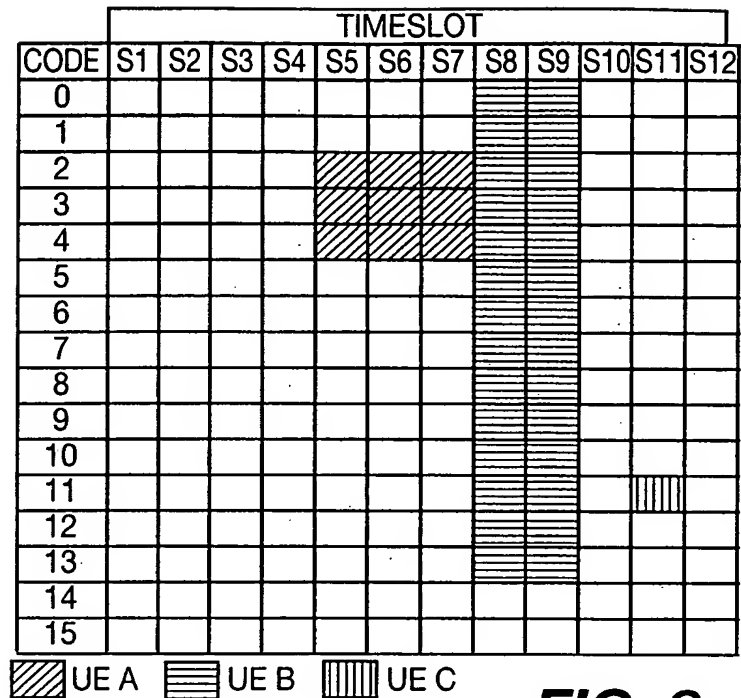


FIG. 8

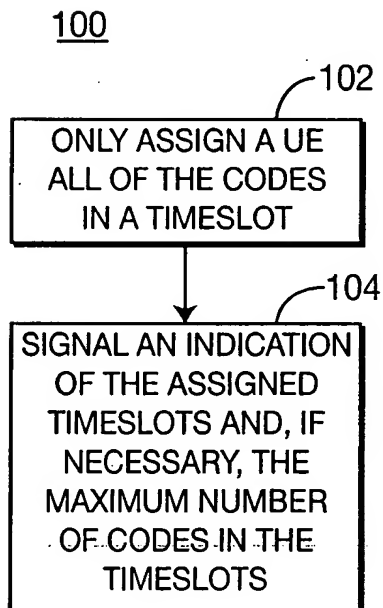


FIG. 9

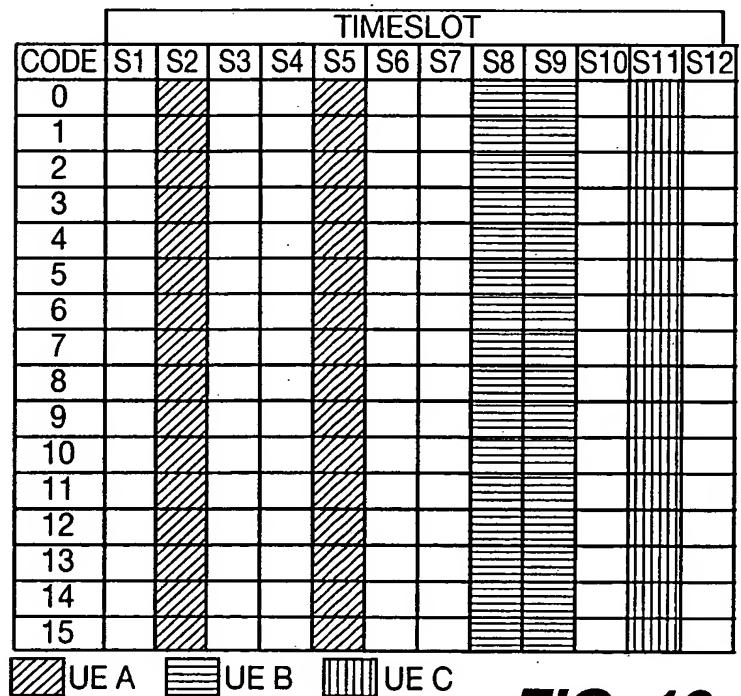


FIG. 10



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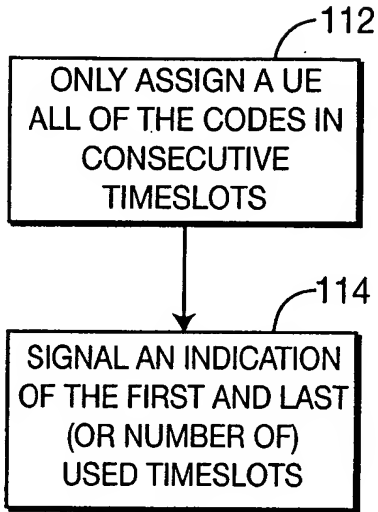


FIG. 11

TIMESLOT												
CODE	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
0												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

UE A UE B UE C

FIG. 12

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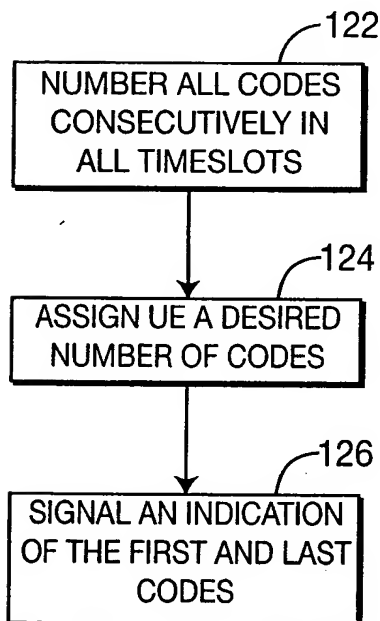


FIG. 14

TIMESLOT												
CODE	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
0	1	17	33	49	65			113		145	161	
1	2	18	34	50	66			114		146		
2	3	19	35	51	67			115		147		
3	4	20	36	52	68			100	116	148		
4	5	21	37	53				101	117	149		
5	6	22	38	54				102	118	150		182
6	7	23	39	55				103	119	151		183
7	8	24	40	56				104	120	152		184
8	9	25	41	57				105	121	153		185
9	10	26	42	58				106	122	154		186
10	11	27	43	59				107	123	155		187
11	12	28	44	60				108	124	156		188
12	13	29	45	61				109	125	157		189
13	14	30	46	62				110	126	158		190
14	15	31	47	63				111	127	143	159	191
15	16	32	48	64				112	128	144	160	192

UE A UE B UE C

FIG. 15



SCHEME	BITS REQUIRED IF ALL INFORMATION IS SIGNED PRIOR	PRIOR SIGNED INFORMATION	POST SIGNED INFORMATION
SCHEME 1, CONSECUTIVE CODES	96	16	80
SCHEME 2, COMMON CONSECUTIVE CODES	20	16 OR 13	10
SCHEME 3, COMMON CONSECUTIVE CODES IN CONSECUTIVE TIMESLOTS	16	13	4
SCHEME 4, ENTIRE TIME-SLOT WITH TIMESLOT FLEXIBILITY	12 (16 IF FOUR BITS ARE NEEDED TO INDICATE THE MAXIMUM NUMBER OF CODES)	8 OR 5	12 OR 9
SCHEME 5, ENTIRE CONSECUTIVE TIMESLOTS WITH TIMESLOT FLEXIBILITY	8 (12 IF FOUR BITS ARE NEEDED TO INDICATE THE MAXIMUM NUMBER OF CODES)	5 OR 9	4
SCHEME 6, NUMBER ALL CODES CONSECUTIVELY IN ALL TIMESLOTS	16	13 (OR LESS)	VARIABLE

FIG. 13